The National Future Farmer

Owned and Published by the Future Farmers of America

Star Farmer of America

December-January, 1957-58

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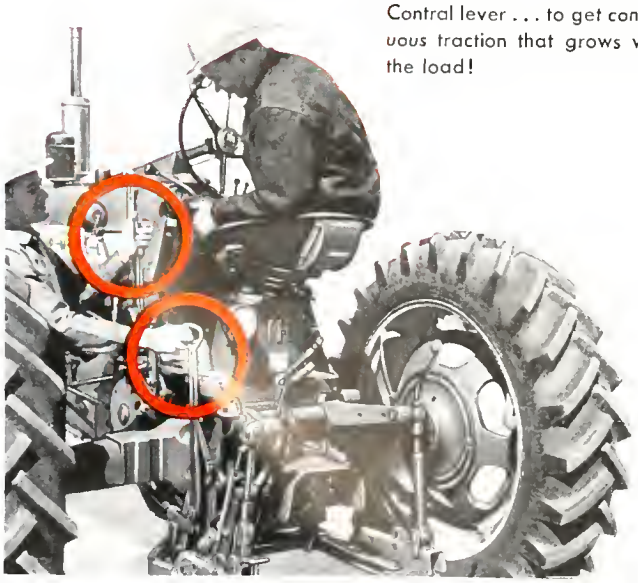

There isn't a row-crop tractor on the market today that will outpull a McCormick® Farmall 450! In recent nationally-recognized tests, the 450 set a new record for drawbar pounds pull . . . outpulling the second-best tractor by a wide margin, and at a higher speed. The 450 also pulled the highest percentage of its own weight of any tractor ever recorded.

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See your IH dealer soon . . . ask to see the complete results of these official tests. You'll want to try a Farmall 450 on your farm. Make *your own* pull-power tests! See how this great tractor makes you master of your toughest fall plowing . . . puts you rounds and dollars ahead each day!

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Dairy farmers
Edwin C. and Edwin D. Fry
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Farmers you look to as leaders look to Firestone for farm tires

Where the Potomac River crosses rolling dairyland west of Washington, D.C., you'll notice a special green country with the ordered look of a well kept front lawn. That's how you'll know you're in Montgomery County—where the Fry farm is.

Father and son, Edwin D. and Edwin C. Fry, represent the third and fourth generations of successful Maryland dairy farmers. Their herds of registered Holsteins hold a D.H.I.A. average for 1956 of 14,000 lbs. of milk with 546 lbs. of butterfat per cow. *Fair Hill Golden Alma*, the champion in the picture, was judged Reserve All-American 3-year old in 1955, and was first prize Holstein at the International Dairy Show in Chicago.

A fifth generation of Frys (three boys and a girl) are busy raising Holstein calves as current 4H projects.

Like their neighbors, the Frys like Firestone Farm Tires for extra traction in the soft soil here. As young Ed Fry smilingly says, "You find out just how much power a truck or tractor has when you try to spin these tires. They grip and hold where you need the traction!"

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DEC.-JAN., 1957-1958 • Vol. 6, No. 2

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EDITORIAL CONTENTS

About the FFA

New National Officers 15
Star American Farmer 16
Convention Highlights 18
Those Andresen Brothers 21
A 1st in Rhode Island 23
Your Future and the FFA 34

Features

Activities at Waterloo 41
Cartoon Contest Winners 10
New Pickups for '58 24
What's Ahead for Artificial Insemination 39

Sports and Fiction

Meet the Monster 26
When Dad Bought My First Gun 37

Departments

A Fellow Told Me 6
Reader Roundup 8
Looking Ahead 12
The First One Doesn't Have a Chance 42

ADVERTISERS INDEX

Apparel, Hobbies

Wolverine Shoe & Tanning Corp. 12
Levi Strauss & Co. 34
Peters Cartridge 37
Remington Arms Co. 39
Tandy Leather Co. 40

Feeds, Seeds, Fertilizers, Chemicals

Ralston Purina Co. 9
Eli Lilly & Co. 14
Moorman Mfg. Co. 25
Funk's G-Hybrid 32
Oyster Shell Products Corp. .. 40

General

McCulloch Motors Corp. 6
Gold Metal Products 8
Butler Mfg. Co. 10
Peggy Ann Candy Co. 30
Douglas Fir Plywood 30
Wisconsin Alumni Research Foundation 38
National Farm Book 28
Greenwich Book Publishers, Inc. 32
Brotherhood Mutual Life Ins. Co. 41
Weyerhaeuser Timber Co. 44

Tractors, Equipment

International Harvester Tractor 2
New Holland Machine Co. 5
A C Sparkplug 7
National Rain Bird 12
DeLaval Separator Co. 13
Allis-Chalmers 22, 23
Continental Motors Corp. 30
Oliver Corp. 31
Massey-Ferguson 35
Wisconsin Motor Corp. 41
Deere & Co. 43

Transportation

Firestone Tire & Rubber Co. .. 3
Bellerive Hotel 8
The Texas Co. 11
Chrysler Corp. 27
New Idea Farm Equipment Co. 28
Chevrolet 29
Hotel Forrest 38
Dodge 33
Ford Motor Co. 36
Hotel Andrews 40

OUR COVER— By J. K. Coggin

Pictured on our cover this issue is North Carolina's Clarence Chappell, Star American Farmer for 1957-'58. The feature story is on page 16.

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CHANGE OF ADDRESS: Send both old and new addresses to Editorial Offices, THE NATIONAL FUTURE FARMER, Box 29, Alexandria, Virginia.

New Holland's rugged 100-bushel spreader saves trips between barn and field

Bigger loads mean more economical spreading

TIME, more than ever before, is coming to be recognized as a critical factor in farm economics. Every minute that can be saved through the use of fast-working machines or by the adoption of time-saving materials-handling methods helps lower costs or raise production.

In the matter of manure spreading, for example, farmers are finding they can cover more ground faster by replacing their 60- or 70-bushel spreaders with models that can carry a full 100-bushel load. A properly designed 100-bushel spreader pulls and maneuvers easily. Because of its bigger load, it saves trips between feedlot and field. The farmer gets his spreading jobs done sooner, and gains time to do other vital work.

The New Holland 100-bushel spreader is built low to make loading easier, whether by hand or with power equipment. Only 42 inches high, it can be run directly under barn cleaners or mechanical loaders. It is available in either ground drive or P.T.O. models.

For larger farms, the New Holland 130-bushel spreader offers even greater economies. It cuts trips to far fields by half. It becomes a year-round 3-in-one machine with the addition of optional forage sides and cross-conveyor attachment, which convert it into a self-unloading wagon and automatic bunk feeder. Available as 2-wheel model or as box only for mounting on 4-wheel wagon or truck chassis. New Holland Machine Company Division of Sperry Rand Corporation, New Holland, Pennsylvania.

NEW HOLLAND

"First in Grassland Farming"

Tree Talk

by

Will Rusch

It seems like hardly a day goes by but what I don't receive a letter from someone asking when and where to plant a stand of trees.

As far as the "where" is concerned, that's easy. The answer is mainly one of economics—of deciding which acres are the poorest producers of crops and forage or are too steep for efficient farming. Since trees thrive on land that's often unprofitable for other crops, they rate mighty high as an investment.

And, unless the ground is covered with a heavy sod, no preparation at all is necessary. A man who plants his seedlings in a heavy bluegrass sod though, might well experience a 100 per cent failure. Not only does the grass furnish heavy competition for moisture, nutrients and light, but it's a favorite hiding spot for field mice and grubs, both of whom feast on young seedlings during the winter.

So, the rule is to plow out a furrow in which to plant the seedlings when the site is in heavy sod. That takes care of the "where."

When to plant depends largely on the area. For example, fall is the more acceptable time in North Carolina and on south. In Ohio, Indiana and other parts of the Midwest, spring is best because of better moisture conditions and absence of frost. Best advice on this matter can be obtained from the state foresters or nurseries which supply the seedlings.

Here are some of the main sources of forestry information:

- The Forest Service of the U.S. Department of Agriculture with its regional offices throughout the country and in Alaska.
- The State Extension Foresters in each state.
- The Tennessee Valley Authority (for those in the TVA region).
- Local lumber and pulpwood mills.

Hibernation in the winter may be okay for bears, but it certainly doesn't set well with Irving Stewart, owner of an 80-acre farm at Warroad, Minn.

Never one to sit around and wait for the snow to melt, Mr. Stewart bought a McCulloch chain saw last winter and quickly proceeded to cut 180 cords of jack pine and spruce pulpwood, 1200 cedar posts, 75 cedar poles, plus enough firewood for the entire season. He netted $1600 for his labor!

Just about everyone I've talked to lately who's tried the new McCulloch Super 44 or Super 55 chain saw tells me, "There's nothing like it." For sheer cutting power and light weight, there's never been a chain saw pair to compare with these yellow devils. The Super 44 (direct-drive) weighs only 19 lb and packs 6.5 horsepower; the Super 55 (gear-drive) tips the scales at 22 lb and registers 6.5 hp. If you want to cut lots of wood faster and easier than ever before, one of these two is just the ticket.

For more details on McCulloch's new Power Pair, just write to me, Will Rusch, McCulloch Tree Topics Bureau, 6101 West Century Blvd., Los Angeles 45, California. I'll send you a free colorfully illustrated folder in a jiffy.

ADVERTISEMENT

A Fellow Told Me...

The cliche, "last but not least" certainly applies to the staff introductions I have been giving you in this column. At long last, I have reached the man at the top. He is Lano Barron, the editor.

As editor, Mr. Barron has been responsible for the tremendous growth of *The National FUTURE FARMER* during the past five years. When he came to work for the FFA, the national Magazine was just an idea given him to develop. Today it is known as one of the outstanding youth magazines in the country. Through his own efforts and staff guidance, *The National FUTURE FARMER* has grown from a quarterly in the fall of 1952 with a circulation of 55,000 to a bimonthly with about 225,000 subscribers today. Advertising, also under his supervision, grossed just over $54,000 the first 12 months and is expected to gross close to $275,000 this year. In recognition of his work, the Future Farmers of America awarded him the Honorary American Farmer Degree at their National Convention in 1956.

Lano Barron

Mr. Barron was born on a farm near Mena, Arkansas. As a boy in high school, he enrolled in vocational agriculture in the days before the FFA. Later, he worked his way through Oklahoma A. & M. where he earned a Bachelors Degree and a Masters Degree, both in Animal Husbandry. He began his professional career as a teacher of vocational agriculture in Texas.

After eight years as a teacher, Mr. Barron was called to the State Office where he served as Assistant State Supervisor of vocational agriculture and later State Supervisor and State FFA Advisor. He also edited *The Texas Future Farmer* which no doubt kindled his interest in the publishing field.

At one time, he owned and operated a large livestock farm. Mr. Barron married a Texas girl and they have two youngsters. A daughter, Janice Kay, age 12; and a son, Bobby, age 9.

NEW FOUNDATION CHAIRMAN

Mr. Hugo Riemer, second from left, was elected Chairman of the Sponsoring Committee for the Future Farmers of America Foundation, Inc., in a special meeting held during the National FFA Convention. Mr. Riemer is president of the Allied Chemical and Dye Corporation, New York, N. Y. His term as chairman will begin January 1, and carry through 1958. As Chairman, Mr. Riemer will be responsible for soliciting funds to continue the FFA Foundation's award program.

Shown with Mr. Riemer are, at left, Mr. Frank W. Jenks, president of International Harvester Company, Chicago, a former Sponsoring Committee Chairman; retiring FFA President John Haid of Arkansas, and the National FFA Advisor, Dr. W. T. Spanton, Washington, D. C.

Hank

Wonderful Start!

Lesson number one: a new set of ACs can save three times their cost in gasoline!

First solo! It's a great day for any driver . . . and it's a great day, too, when a new set of AC Hot Tip Spark Plugs goes under the hood of your car.

Here's why: the long, thin, recessed "Hot Tip" insulator heats faster to burn away carbon, oil and combustion deposits as fast as they form. This assures efficient fuel combustion.

This exclusive AC anti-fouling action can save as much as one gallon of gasoline out of every ten you buy. In an average year's driving, this kind of gas saving will pay for a new set of ACs three times over.

Get a new set of ACs for your car every 10,000 miles—and look to AC Hot Tip Spark Plugs for top performance and real economy in your trucks, tractors and farm stationary engines, too.

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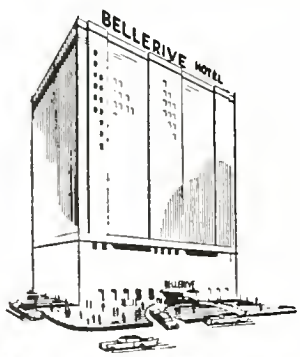

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Gladwin, Michigan

The number one publication in our farm magazine rack at home is *The National FUTURE FARMER*. The whole family takes a look before it hits my Future Farmer collection box. The magazine sure has a lot of good reading.

I have been to our State FFA Conventions ever since I joined the organization and it's a great experience. Our Chapter has a small hillbilly band which plays at the Conventions and at all local chapter doings. We are called "The Farmyard Follies."

We will be looking forward to more good publications from you.

Dick Reid

Augusta, Georgia

Every two months I read with a great deal of interest my copy of *The National FUTURE FARMER*. As you can well imagine, the National Magazine means a great deal to a soldier far away from the home farm and FFA friends. I particularly enjoyed this issue's article, "I Did My Best," written by my friend Joe Dan Boyd. He has effectively presented us all with a worthy challenge.

My very best wishes to you and everyone there in the office.

Bill Gunter
Past National President

Glasgow, Kentucky

Here are my joke contributions for *The National FUTURE FARMER*. I like your fun page very much and I'm sure others like it too. You publish a very nice magazine, and very useful. It is enjoyed by many families of America.

Sharon Jean Rigsby

Windfield, Tennessee

I am a junior this year and an FFA member of the Pine Knot, Kentucky, High School. I like your magazine just fine. Would you please let me know when my subscription runs out so I can renew it. It's such a fine magazine that I don't want to miss a single copy of it.

Alvis Privett

Here's a hint for future reference: If you will look at the mailing label on your copy of the magazine, you will see a code number. The last two numbers correspond to the month and year your subscription expires.—Ed.

Birmingham, Alabama

It was a real pleasure to see you and talk over old times at the National FFA Convention in Kansas City.

I read every article in *The National FUTURE FARMER* you gave me, and I want to congratulate all of you on this fine magazine. It is a tribute to the Future Farmers of America.

Best Wishes.

Richard P. Humphrey, Jr.
The Progressive Farmer

Sapchoppy, Florida

I live at a fishing lodge and I have a dairy cow and a pig for my projects. We enjoy *The National FUTURE FARMER* very much. After my family and I finish reading it, we place it in the store for others to read. You would be surprised at the number that stops in and reads the magazine.

If I can be of any further service to you or the Magazine, please let me know and I will do my best for you.

Anthony J. Whitstone

Abilene, Kansas

Let's see more of these contests in our Future Farmer magazine, such as beef, dairy, and sheep.

Kermit G. King

Vernal, Utah

Please consider the enclosed short story for publication in *The National FUTURE FARMER*. I feel that it has the best qualifications for this magazine and hope they will also appeal to you.

I have been very close to the FFA in the past years and have just completed a term as state secretary for the Utah Association. . . .

I am interested in becoming a writer and have received good encouragement from my professors at Brigham Young University. Recently I was notified that a position was waiting for me on the school literary magazine, that of assistant fiction editor.

Your magazine has done a remarkable job in furthering the interest in the organization in the short time it has been published. My personal aim for it is to see one every month of the year. Keep up the good work.

Douglas Hall

PURINA VISITS ANOTHER FARMER OF TOMORROW

Hank Wehrman shows champion hogs on Iowa Fair Circuit

Since Hank Wehrman became active in club work in 1953—at age 10—he has worked closely with his Dad in the hog and dairy business. Hank is the son of Mr. and Mrs. Harold Wehrman, of Belle Plaine, Iowa.

Hank started a pig project several years ago . . . but he really began to take a serious interest in hogs when he sold the boars from one litter for $700.00.

Since then, Hank has shown Berkshires at the All-Iowa Fair, in Cedar Rapids; the Benton County Fair; and at the Barrow Show of the Jones County Fair. He has won over 50 ribbons in show competition, plus two Purina trophies for his grand champion entries.

In youth club class at the 1957 All-Iowa Fair Junior Livestock Show, Hank exhibited the Grand Champion Market Barrow and Grand Champion Pen of three market barrows. In open competition, Hank's entries took first and fourth places in Market Barrow Class, plus first place for his pen of three market barrows.

OWNS TWO BROOD SOWS WITH 19 PIGS

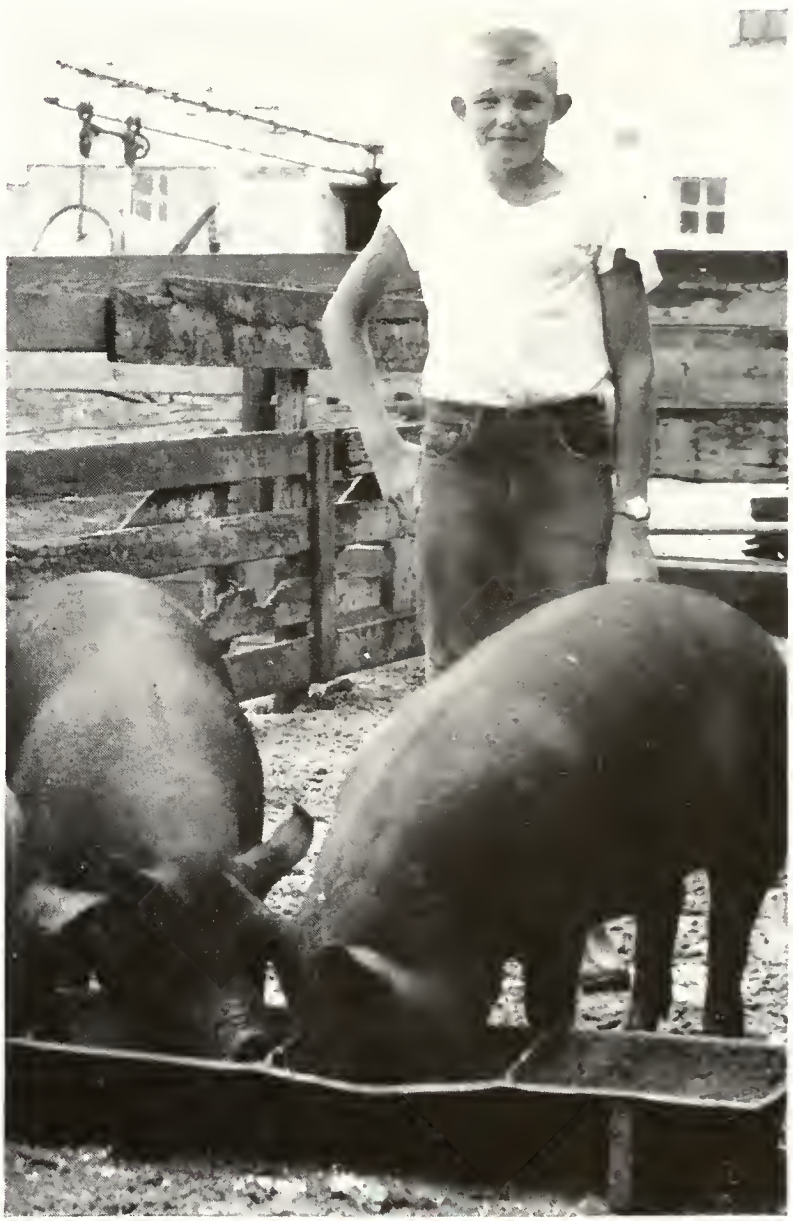
Now a hog grower in his own right, young Hank Wehrman owns two brood sows with litters totalling 19 pigs. Eight pigs are registered Berkshires, and eleven are Hampshire-Berkshire crosses.

Hank plans to enter Iowa State when he finishes high school, and he would like to study civil engineering. Chances are good that some day young Hank Wehrman will come back to the farm to continue raising top-quality hogs for market and show ring.

Purina congratulates Hank Wehrman, another Outstanding "Farmer of Tomorrow"!

* * * * * * *

Hank Wehrman fits his hogs on Purina. You, too, have a Purina Dealer close by, to help you with livestock and poultry feeding and management problems. Whether you are feeding for the show ring, or for market, remember: Purina will help you produce meat, milk and eggs—at low cost.



Hank Wehrman, Belle Plaine, Iowa, is shown with Berkshire hogs being fitted for 1957 shows.

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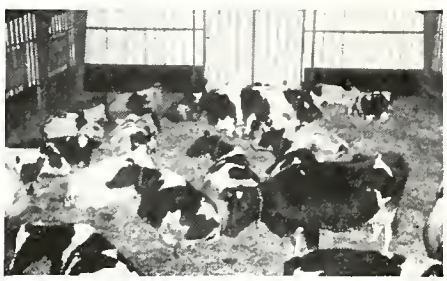

IT'S A LIVESTOCK SHELTER if you convert from grain to stock farming. Post-free interior is easy to clean mechanically, safer for animals.

No matter how your market conditions and farming practices change, the Butler building you erect for one type of farming will still be perfectly suited to your operation. For here is the *one* structure that serves so well for grain storage, for machinery storage and repair, as a livestock shelter and loafing barn, as a storage structure for feed, seed, hay.

Butler buildings are made of the perfect material for farm use — metal. They are firesafe, lightning-proof, vermin-proof, low in maintenance. Butler metal farm buildings last years longer than any other structure in their price class — and even match the life of far more expensive construction. Each panel is securely bolted to the frame for maximum protection against wind and hail. A strong steel framework provides wide-span interiors and straight sidewalls without a forest of posts to limit the usefulness of the buildings. And the special design of the building enables it to withstand grain pressures without troublesome brace rod pits throughout the floor.

A Butler building is an investment that pays off in efficiency, protection and appearance today—and continued utility for years to come.

WRITE FOR BULLETIN

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Hettinger, North Dakota

I have subscribed to *The National FUTURE FARMER* for nearly five years now and have enjoyed every issue of it very much. I wish to commend you on your promotion of the FFA organization and how you are carrying out its principles and informing the general public of the activities of its members. I am looking forward to receiving the magazine for many years to come and to being with you when you eventually become a monthly.

I have recently moved off the farm and obtained a job as an appliance repairman. But I hope to return to the farm some day and take up where I left off. Therefore, I will look forward to receiving every copy of your wonderful magazine.

Danny Isakson

Cartoon Contest Winners

. . . HERE ARE THE WINNERS **of the Cartoon Caption Contest** which appeared in the October-November issue. According to the judges, a total of 1,072 subscribers to *The National FUTURE FARMER* entered the contest this time. In some cases, more than one subscriber sent in the same caption, so the judges picked the ones with the earliest postmark.

First Prize, $15

"Power-Grip." Charles H. Golden, Dagsboro, Delaware.

Second Prize, $10

"You'll bring home the blue and the purple, too." Cole Blease Graham, Jr., Chapin, South Carolina.

Third Prize, $5

"Limited time only." Allen Sweet, Tonkawa, Oklahoma.

Honorable Mention, plastic FFA billfolds with names lettered in gold.

"He'll teach you to ride, free." Sheldon McManigle, Strawberry Point, Iowa.

"In the show ring." Rodney I. Thim, Ruthven, Iowa.

"Going up." Stanley E. Hathaway, Jr., White Wheels Farms, Rossville, Illinois.

"Another triumph?" Dean Thomson, Palmyra, Nebraska.

"Ranchers of tomorrow." Tommy F. Garner, Booneville, Mississippi.

"Feedlot interview." Charles Wells, Bokoshe, Oklahoma.

"A backbone of steel." Eugene D. Shepherd, Bell, Florida.

"Proud heritage." John Henry Hudson, Smoaks, South Carolina.

"Now is the time." Larry Gardner, Pleasureville, Kentucky.

"That four-bottom power." Bob Eskew, Farragut, Iowa.

PEANUT SHAKER . . . HOME-MADE AND HANDY!

Utilizing a discarded truck differential, the peanut shaker shown here does the work of four men on the Spann and West farm near Dothan, Ala. In one operation it picks up the peanuts, shakes out clinging dirt and piles them in windrows. Left to right are T. J. Brooks, overseer A. D. Hatton and Texaco Consignee I. H. Hanahan.

Texaco products are the choice for truck and field equipment here, including Marfak lubricant, which really sticks to bearings—won't wash out, drip out, dry out or cake up.

TEXACO CONSIGNEE J. G. Stephenson makes regular deliveries of Advanced Custom-Made Havoline Motor Oil to Louis Sheffels, farmer near Wilbur, Wash. Mr. Sheffels has found that Havoline wear-proofs engines, insuring longer life. Because it keeps engines cleaner, Havoline releases added engine power for farm machinery.

TEXACO FIRE CHIEF gasoline is the choice of W. E. Stephens, progressive farmer near Houston, Texas, for his tractor, truck and car. It delivers superior fire-power for low-cost operation. Mr. Stephens also likes the on-time deliveries of T. I. Trahan, Texaco farm service-man—who supplies him with top-quality Texaco products.

ONE FILL of Texaco PT Anti-Freeze protects the cooling system of your tractor, truck and car all winter. PT Anti-Freeze won't boil away during warm spells. It doesn't foam—guards against rust and corrosion. Texaco PT is the finest Premium Type anti-freeze, and at no increase in price. Ask your Texaco man for PT.

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Looking Ahead

FEWER CATTLE AND CALVES ON FEED

The Crop Reporting Board estimates the number of cattle and calves on feed for market in the 13 major feeding states at 3,222,000 head. This is 11 percent below this time last year.

FEEDER CATTLE PRICES

Supported by large feed harvests and a relatively strong fed cattle market, feeder cattle prices may show very little seasonal decline this fall and will remain above last fall. However, the increased imports of feeder cattle from Mexico could have some effect on this.

HOG OUTLOOK

Hog farrowing for 1957 has been nearly stable except for a small rise in late summer and fall. Slaughter next spring and summer will probably also be somewhat greater than at those seasons this year, but changes will be small. Prices for hogs are very likely to remain close to 1957 levels until late summer of 1958. At that time, the large estimated spring pig crop should begin to hit the market.

VARIZYME

Veterinarians will soon have a new drug to attack cases of infection in cattle and other farm animals that do not respond to ordinary treatment. It is called *Varizyme*. This drug is injected into the blood stream or muscles of the animal and breaks down the "disease barrier," which is a wall around the infection.

WINTER WHEAT

Winter wheat seedings in the Great Plains are making the best start in recent years. Favorable moisture supplies are tempting farmers to put fields, formerly in the Soil Bank, back into production.

FEED PRICES

Prices for feed grains probably will continue below last year's levels this fall and winter. Production is a near record, carry-over a record, and supply of by-poduct feeds is again large. Total feed concentrate supply for 1957-58 feeding season is at a new peak.

INCREASED MILK PRODUCTION PER COW

Milk production per cow averaged 17.81 pounds this fall, which was a 2 percent increase over the same time last year and a new record high.

YOUNG CHICKENS NUMBER DOWN

Preliminary estimate of all young chickens in farm flocks this season is about 254 million, 13 percent below a year ago. Of this number, 226,140,000 are pullets. There were 261,170,000 during the same time last year.

BROILER PRICES

Broiler prices during the October-December period will average 1-2 cents below the 17 cent average levels of a year ago. Supplies coming to market during this period will be about 8 percent greater than during the last quarter of 1956. Early 1958 supplies seem likely to be larger —and prices lower—than in early 1957.

FIGHT DISEASE OUTBREAKS

U.S.D.A. points out seven steps for livestock men to observe in their fight against livestock disease outbreaks: 1. Take all normal sanitation measures to minimize spread of disease. 2. Check all animals regularly for disease signs. 3. Isolate and observe all new livestock for at least 10 to 14 days. 4. Report unusual diseases to a veterinarian immediately. 5. When applicable vaccinate for diseases found within the area. 6. Carefully dispose of wastes and discharges of sick animals and carcasses of dead animals. 7. Do not visit any infected or quarantined farms.

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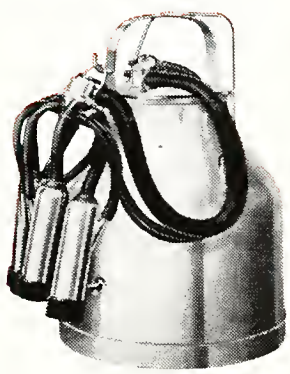

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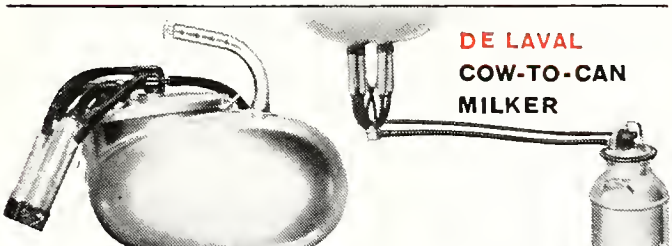

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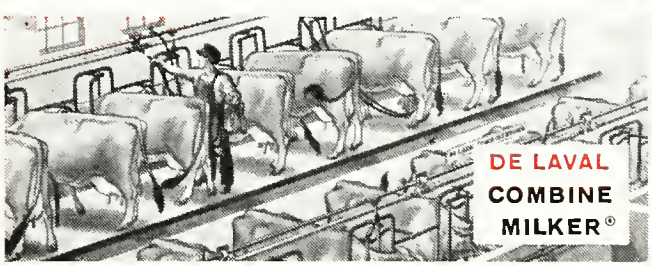

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You've never had such an opportunity to cut down work and time . . . make more milk money . . . increase your profits! All you have to do is see your De Laval Dealer today and tell him which De Laval Milker you want!

This offer also includes all De Laval Can Type Milk Coolers, De Laval Separators and De Laval Water Heaters.

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THE DE LAVAL SEPARATOR COMPANY Poughkeepsie, New York • 427 Randolph St., Chicago 6 • DE LAVAL PACIFIC CO. 201 E. Millbrae Ave., Millbrae, Calif.

"Wouldn't operate without 'Stilbosol' in our feed"

"We've fed at least 8,000 head on feeds fortified with 'Stilbosol,'" says commercial feeder. "Gains run anywhere from 2½ to 3¼ pounds per day."

by Eugene S. Hahnel

Just 10 minutes' drive south of the busy St. Joseph, Missouri, livestock yards are 23 feeding pens operated by Claude Van Hoozer and his son Bill. With 40 years of continuous cattle-feeding experience between them, they now run up to 10,000 head through their lots every year.

"We were first to use supplements with 'Stilbosol' in this area," Bill related, "and it's given us good results. We've fed at least 8,000 head on 'Stilbosol'-fortified rations, and they have made a big difference in our daily gain and cost of gain."

Claude took up the story. "We haven't had any cattle that gained less than 2½ pounds per day since we've used 'Stilbosol' in our supplement. Our gains run anywhere from 2½ to 3¼ pounds per head per day, depending on conditions."

Satisfied with 'Stilbosol' in supplements—"We've read about other ways to get stilbestrol into cattle," comments young Bill. "But we're not interested in wrestling our cattle around individually. It would increase our labor, and mean more equipment to catch and handle them. We're satisfied with 'Stilbosol' in our supplement and will keep using it."

The only way to keep customers happy when you feed out their cattle on a commercial basis is to make money for them through efficient, low-cost gains. This takes planning and know-how. Claude (right) and son Bill (left) Van Hoozer depend on Clyde Lott (center) to keep up with their supplement needs. Says Claude, "We like the services of our feed manufacturer... and Clyde Lott, their representative, is always on hand when we need help or service."

The Von Hoozer feeding pens are located on 27 rolling acres which provide good drainage and plenty of cool shade. The Van Hoozers blend grain and supplement with 'Stilbosol' into a uniform ration right at their own feed yards. Each batch is weighed before mixing.

Stilbosol

(Diethylstilbestrol Premix, Lilly)

Lilly

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ELI LILLY AND COMPANY, AGRICULTURAL AND INDUSTRIAL PRODUCTS DIVISION, INDIANAPOLIS 6, INDIANA

New National Officers

These are your new National Officers for 1957-58. Front row, left to right: Reese, Downing, Bodiford; back row, Rulon, Cullison, and Smith.

NATIONAL PRESIDENT

Howard Downing

Howard is 20 years old and from Nicholasville, Kentucky. He completed four years of vo-ag, graduating in the spring of 1955. After holding district and local FFA offices, he became Kentucky FFA President in 1956-57. In high school, he was valedictorian of his Senior class, president of his Freshman, Junior, and Senior classes, and president of the Student Council. Top FFA honors include State Public Speaking winner and Star Farmer of Kentucky.

Howard is farming with his brother on 73 acres. He has 15 registered Jersey cattle, one-fourth interest in 3.2 acres of tobacco, and half interest in 7 acres of corn and 24 acres of hay. Now enrolled in Agricultural Education at the University of Kentucky, Howard will drop out of school to fill the duties of his National Office.

STUDENT SECRETARY

Nathan Reese

Nathan, 20, farms in partnership with his father on 480 acres. He is one of 12 children, most of whom are older than Nathan. His mother died several years ago.

Reese graduated from Mooreland High School in 1955 after completing four years of vo-ag. He is now a student at Oklahoma State University, studying animal husbandry and ag journalism. Nathan has held several FFA chapter offices, was district treasurer for 1953-54, state secretary for 1955-56, and state president for 1956-57. In high school, Nathan was an honor student, was class president twice, a member of the Student Council, and salutatorian of his Junior class. He has 50 percent interest in 32 head of beef cattle and 44 acres of wheat; and has 19 pigs and 2 beef cattle of his own.

SOUTHERN VICE PRESIDENT

Royce Bodiford

Royce is 20 years old and lives at Millsap, Texas, where he operates a 120-acre farm. At present, he commutes to Tarleton State College where he is a Sophomore in Agricultural Education. Royce was Texas FFA President in 1955-56. Prior to that, he had held chapter offices, served as vice president and later president of his district FFA, and was area president for 1954-55.

For six consecutive years, four in high school and two in college, he has been president of his school class and an honor student. He has been active in athletics, was editor of the high school yearbook, and a winner in the State FFA Public Speaking Contest. His farming program includes 16 acres of cotton, 10 acres of corn, 15 acres of Sudan grass, 12 acres of peanuts, 12 of oats, 6 hogs, and 5 beef cattle.

CENTRAL VICE PRESIDENT

Jerry Rulon

Jerry is 20 years old and lives with his parents on a 160-acre farm north of Noblesville, Indiana. His mailing address is Arcadia. He rents a separate 140-acre farm on a 50-50 partnership basis and has 44 acres of corn, 10 acres of wheat, 8 acres of oats, 25 acres of soybeans, 23 acres of clover, 17 hogs, and one beef steer. He is a student at Purdue University, majoring in Farm Management.

Young Rulon was Indiana State FFA Secretary for 1955-56, and State President for 1956-57. He has been a junior deacon in his church for 4 years, was a Student Council member 4 years, and president of his Senior class. Jerry also participated in high school athletics.

PACIFIC VICE PRESIDENT

Jerry Cullison

At 19 years of age, Jerry is the youngest National Officer. He lives in Phoenix, Arizona, and completed three years of vo-ag at Phoenix Union High School, graduating in 1955. Now a junior in agriculture at the University of Arizona, he rents 40 acres of land and has 27 head of registered Hereford cattle on it. In addition, he has 450 lemon seedlings on a 640-acre farm owned by his father.

In high school, Cullison was chairman of his chapter's Safety Committee that won the regional FFA Farm Safety Award in 1955. He was Arizona's Star State Farmer in 1955, participated in state public speaking finals, and State Soil and Water Management winner.

NORTH ATLANTIC VICE PRESIDENT

Leon Smith

Leon is a 20-year-old dairy farmer from Rome, New York, located in the central part of the state. He has a herd of 30 registered and mixed Holstein cattle. In addition, he grows 12 acres of corn, 12 acres of oats, 35 to 40 acres of hay and also rents a nearby farm. His investment in farming amounts to about $19,000.

After holding several FFA offices in his local chapter of Westmoreland and in his district FFA, Leon served as president of the New York FFA Association in 1954-55. He received his American Farmer Degree at the 29th National FFA Convention held last year. Leon was farming full time when elected to a National Office.

CLARENCE CHAPPELL

Star American Farmer

Chappell is a member of the Perquimans County FFA Chapter in N. C.

Clarence won this coveted honor over the 363 FFA members who received their American Farmer Degree in 1957. His story should inspire all who plan to make farming their way of life.

HOW MANY 21-YEAR-OLD farmers are worth $71,000? Clarence Chappell is. In a little more than seven years he has built an investment in farming equal to that accumulated by most farmers in a lifetime. He did it with hard work, wise management, and financial backing of a family who could give him a boost when he needed it.

At the National FFA Convention held in Kansas City in October, this Future Farmer from Belvidere, North Carolina, was named Star Farmer of America. His diversified farming program is characterized by quality. And this quality played a big part in his winning the coveted award.

Selection of good foundation stock and a continuing search for improvement has helped Clarence to build a breeding herd of registered Duroc Jersey hogs that is recognized by breeders throughout the nation. Clarence has sold breeding animals to other Duroc fanciers in 16 states and 8 foreign countries. And at prices well above what the ordinary run of hogs would bring.

In a special sale at his farm this spring he sold 32 head of Durocs for an average of $134 per head. The price is more than three times what they would have brought on the butcher market. One of his sows holds the world's performance record. Her litter of 12 pigs weighed 830 pounds at 56 days of age.

Similar quality is found in his herd of registered Guernsey dairy cattle. A roomful of trophies and ribbons, and cash prizes totalling over $4,800, provide the evidence of his livestock quality when compared with others in fairs and shows throughout the South.

Young Chappell owns 60 acres of land on which he recently built an attractive six-room brick home. He owns one-fourth interest with his parents in a 275-acre farm, and rents an additional 328 acres. The farms are located about 11 miles north of Hartford, North Carolina.

His livestock enterprises consist of 40 head of calves on feed; 62 head of registered Guernsey dairy cattle, including 38 producing cows, 19 heifers, and 5 bulls; 11 head of registered Angus beef cattle; 24 registered Duroc-Jersey hogs; 150 feeder pigs; and 34 hives of bees.

His crop enterprises this year included 125 acres of corn, 4 acres of peanuts, 50 acres of soybeans, 10 acres

This cow is from Clarence's herd of prize-winning Guernseys. The Future Farmer recalls that one of his early ambitions was to be a dairy farmer.

His herd of Duroc hogs is known for its quality. One of his sows holds the world's performance record. A meat-type boar he owns cost $1,175.

Clarence and his wife, Annie Lou, are shown in front of the new brick home they planned together. They are now happily and comfortably settled in it.

Clarence won these trophies with his dairy cattle, beef cattle, and hogs.

of wheat, 50 percent interest in 40 acres of small grains, and 8 acres of sweet potatoes. An additional 150 acres are devoted to pasture crops.

Clarence began his farming program in 1950, shortly after he enrolled as a vocational agriculture student at the Perquimans County High School. His father, Clarence C. Chappel, Sr., had a successful farm operation at the time, and was willing to help his son get the start that led to a full-time farming establishment. Mr. Chappell, Clarence, and Joe L. Tunnell, his vocational agriculture instructor, worked together to develop a business arrangement for Clarence to use land and machinery on the home farm. Some of his enterprises were begun on a partnership basis with his father.

Young Chappell started with 5 acres of corn, 75 percent interest in 5 dairy cattle, and 50 percent interest in 5 acres of soybeans, 6 beef cattle, and 4 brood sows. His labor income that first year was $2,089, including the increase in inventory value of his livestock.

Money earned from his projects, plus borrowed funds, were used by Clarence to expand his program each year. By the time he finished high school, he was farming 84 acres in crops, and had the foundation animals of his registered herds of Duroc hogs and Guernsey and Angus cattle. After four years in vocational agriculture, Clarence's records showed total labor income of $22,100 from his supervised farming program. Labor income during the past two years of full-time farming has been $10,434 and $18,367, respectively.

The above amount, plus $3,145 from his sale of Durocs last spring, brings his total labor income from a little more than six years of farming to $54,048.13. Miscellaneous earnings, including prize money won in fairs and shows, totals $6,373.75. In addition, he inherited a 60-acre farm, valued at $8,000, from his grandfather. After graduation from high school, he was given one-fourth interest, valued at $12,000, in the home farm.

Chappell's financial statement shows gross assets of $88,746.39. He owed $4,785 that was borrowed to purchase cattle, and $12,000 borrowed to build his new home, leaving a net worth of $71,961.39.

While developing high quality herds of livestock, Clarence also has been accumulating farm machinery needed for his operations. He owns about $20,000 worth of equipment and machinery, including two tractors and half interest in three others, one truck and half interest in another truck, and either full ownership or partnership interest in many other machines.

Clarence is recognized as an outstanding young leader in North Carolina. He served one year terms as reporter, secretary, and president of the Perquimans County FFA Chapter, was federation FFA reporter one year, and state FFA secretary one year. He was a class officer during each of his years in high school, an honor student, and has been assistant superintendent of his Sunday School for the past three years. He is currently secretary of the Perquimans County Farm Bureau and treasurer of the county Guernsey cattle club.

Clarence was married last December to the former Miss Annie Lou Lane. They planned their new brick home together and are now comfortably settled in it. They're looking forward to a lifetime of continued farming.

Clarence has set a goal of a 100-cow Guernsey dairy herd, to increase his number of Duroc brood sows to 50, and to develop an outstanding herd of Angus beef cattle. And we'll bet he makes it.

Far left, Clarence, with his advisor, Joe Tunnell, left, and his father, Clarence, Sr. His livestock program is balanced with a good feed program.

At left the Chappells fill an extra silo, built above the ground. The father and son have been a working team for years and it has paid off.

. . . THE 30TH NATIONAL FFA CONVENTION . . .

Convention

Nearly 11,000 blue jackets invaded Kansas City for the 30th National FFA Convention. Awards, speeches, contests, tours, and entertainment filled the four days. The picture story is presented here.

Former President Harry Truman was a colorful figure at the Convention. He is shown with two National Officers, and from left, Senator Carlson, Truman's secretary, and former Senator Darby. Truman signed bill for FFA's charter.

Below, Mr. Truman becomes Honorary American Farmer. He told FFA that nearly all former presidents had an agricultural background.

Governor Cecil Underwood of West Virginia was FFA member in school. Above, he is awarded American Farmer Degree. He told FFA delegates, "America looks to the farms to produce leadership."

Below, FFA President, John Haid, is given key to city by the Honorable H. R. Bartle, Mayor, Kansas City. His welcome address is always enjoyed by FFA members.

Above, Senator Edward Thye gets the Honorary American Farmer Degree before speaking at the Convention. He urges youth to enter such fields as farming, international relations, and science.

Below, His Excellency Erik Boheman, Ambassador of Sweden, told delegates of similarities and common problems in farming here and in his native Sweden.

Highlights

Top entertainment is furnished each year by FFA's own National Band and Chorus. Members are selected by mail and get only a day or two of practice before performing at the Convention.

Representatives of Donors to the FFA Foundation were platform guests during evening program which saw awards go to several outstanding Future Farmers.

These young men who participated in the International Youth Exchange are being interviewed by Jack Timmons. At left, FFA members who went to Great Britain last summer; right, British Young Farmers who came to America.

President John Haid, left, hands gavel to president-elect Howard Downing at Convention's final session. Haid is from Arkansas; Downing from Kentucky.

Below, at reception for Foundation Donors, from left, President Haid; Edward Foss Wilson, U. S. Office of Education; Raymond Firestone; and Doyle Connor, former FFA President. Mr. Wilson spoke to FFA members.

In the right center photo are two visitors from Japan. They are Masaru Takahashi, President, Future Farmers of Japan; and Toraichi Jurisaki, Secretary General of FFJ; both from Tokyo. They got the American Farmer Degree.

Livestock judging teams are shown in action at right. The National finals in several FFA contests are an important part of the Convention. All teams had previously won the right last summer to represent their state.

. . . THE 30TH NATIONAL FFA CONVENTION . . .

Presenting awards is a Convention highlight. They are made possible by the Future Farmers of America Foundation, Inc., and range up to the $1,000 check for the Star American Farmer. This is a way of recognizing a job well done.

In this photo, we see the 363 FFA members who received the organization's top achievement degree, that of American Farmer. They are literally one in a thousand since only one FFA member in a thousand is eligible to receive it. From this group, four Star Farmers are selected. They are shown at right.

Star Farmers: From left, Bryan Hafen, Nevada; Clarence Chappell, North Carolina; Charles Cole, New York, and Billie Parsons, from South Dakota.

Right, Dr. A. W. Tenney, who resigned as FFA Executive Secretary in June, receives a silver pitcher in appreciation of his work for FFA.

Adin Hester, left, from Canby, Oregon, won the National FFA Public Speaking Contest. The subject of his speech was, "Atoms for Agriculture."

James Quincey is shown awarding a Gold Emblem plaque. One hundred and twenty-six local chapters were honored in the organization's National Chapter Award Program. The Gold Emblem rating was awarded 68 chapters, Silver Emblem awards went to 43 chapters, and Bronze Emblem to 15.

Top award winners. From left, Eldon Frye, Safety Committee Chairman of Little River, Kansas, Chapter (a chapter award); Ralph Morgan, Minnekah, Oklahoma, Farm Mechanics; Don Pedersen, Lake City, Iowa, Soil & Water Management; Earl Sinson, Rocky Gap, Virginia, Farm Electrification.

those Andresen Brothers

By W. E. Atwood

IT'S AN HONOR for a Future Farmer to receive the American Farmer Degree. But when all the boys in a family reach the top degree, that's really something! Such is the story of the three Andresen brothers of Fresno, California. And while earning these degrees, they helped build a father-sons purebred dairy enterprise known as the Andresen's Rolinda Dairy Farms.

I had been teaching vocational agriculture 24 years when Conrad Andresen, the oldest of the brothers, enrolled in vo-ag at Central Union High School in 1948. His appearance at the time was that of just an average vo-ag student. Yet, as the work was explained to him, his interest and sincerity was impressive. I recalled that a great number of students were ambitious in name only. This did not prove the case with young Andresen.

Conrad's first project was a registered Holstein heifer. That was the beginning of the father-son dairy enterprise. Until that time no registered animals were on the farm. As the years went by, Conrad added to his purebred string and became known throughout California for his success in the show ring.

Conrad received his American Farmer Degree in the fall of 1953. Upon graduation from high school, he entered Fresno State College and enrolled in dairy husbandry. He received his Bachelor of Science Degree in June of this year and returned to the home farm to take his place as one of the managing members. Conrad has 18 purebred animals and one grade animal at the present time.

The year following Conrad's enrollment, a younger brother, Jacob, entered vo-ag. Like Conrad, Jacob was sincere, enthusiastic, and hard working. He too, began to build a dairy herd.

After high school graduation, Jacob also enrolled at Fresno State College and majored in dairy husbandry. In October of 1953, he received his American Farmer Degree.

Unlike his older brother, Jacob dropped out of college after completing the first semester of his Senior year and enlisted in the Armed Forces. He is now assigned to the School of Pharmacy at Fort Sam Houston, Texas. Jacob has a reason all his own for interrupting his college work so near graduation. He has observed that so many young men returning from service find it difficult to adjust themselves to civilian life. He feels that having something definite to do as soon as he gets out will make the change easier. He plans to first go back to college and finish work for his degree. Then he will take his place along with the other members of the family in the dairy business. With his college and military service behind him, Jacob can face the future with a lessened chance of interruption. At present, he owns 6 head of purebred Holsteins, 18 purebred Guernseys, and 4 grade cows.

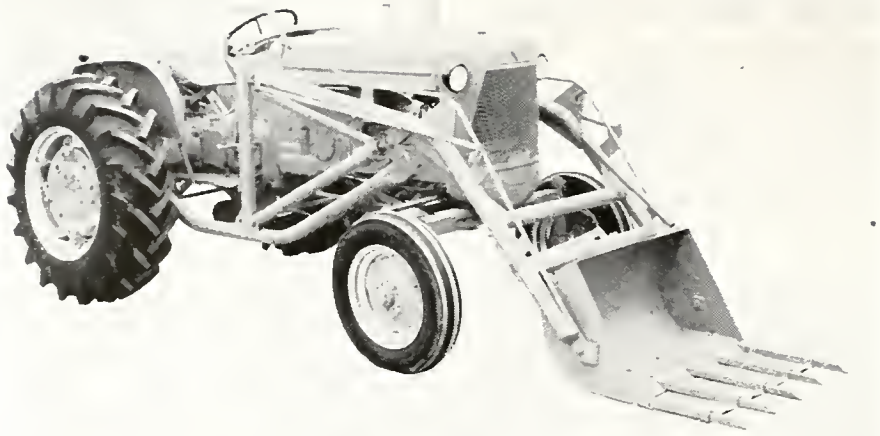
When Jacob had reached his Junior year in high school, his younger brother, Donald, enrolled at Central Union High School in vocational agriculture. He was graduated in 1955, and enrolled at Fresno State College in dairy husbandry the following September. In October of 1956, Donald received his American Farmer Degree. At present, Donald owns 30 head of cattle consisting of 8 purebred Holsteins, 12 purebred Guernseys, and 10 grade cattle.

The progress of the three Andresen brothers from greenhand to American Farmer follows a similar pattern. Each boy was given one purebred calf as a birthday present. Each of them started with five acres of cotton which they leased from their father. From the proceeds from their cotton, they all bought

At left, the Andresen family in front of their home. The brothers, from left to right, Donald, Jacob, Conrad.

Above in new milking barn are Donald, Mr. Andresen, and Conrad. Note the Guernseys on right, Holsteins at left.

Shown at right is their new sanitary milk room. All sons followed a similar pattern in getting established.



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Allis-Chalmers tractor-mounted farm loaders were designed with the owner and operator in mind . . . to enable him to do more work faster, easier, and at lower cost.

To begin with, they are quickly mounted on the tractor . . . in just a few minutes you're ready to go . . . and they are just as quickly removed to make the tractor available for other work.

They're sturdy, well built, easy and convenient to operate. The bucket is lifted and lowered hydraulically while tractor is moving or standing still . . . without shifting gears. The standard 6-bushel bucket comes equipped with tough, replaceable 1⅛-inch square steel tines, and a slide-on dirt plate.

Designed for use with Allis-Chalmers CA, WD-45, D-14 and D-17 tractors, these modern farm loaders are available with standard combination bucket and dirt plate, a material bucket, and a wide 76-inch snow bucket for handling snow or light bulky materials, each of which is easily interchangeable.

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ALLIS-CHALMERS

additional animals. During the last two years of their vo-ag training, each of them leased 40 acres of cotton: the proceeds of which went into the purchase of more cattle. All three were very active in FFA work: all of them were officers in their local Chapter; all three won the public speaking contest and were high man in the cotton picking contest during their entire four years. In community and co-operative activities, no one in the Chapter could beat an Andresen boy because they just wouldn't take defeat. Their combined winnings from many fairs and shows will fill a fair-sized trophy case. All three of them participated in every Chapter activity during the entire time they were in vocational agriculture.

The Andresen family is a very closely knit unit. A harsh word never passes between them. Although the sons could well afford it, they refused to purchase a car until after they had been graduated from high school.

The father, J. C. Andresen, started in the dairy business during the depression days when he bought a few dairy cows with the help of a Production Credit loan. He has steadily increased his cattle until at the present time he owns some 850 head, around 450 of which are milking. The Andresens ship 1,800 gallons of milk per day.

Mr. Andresen is one of the oldest members of the Dairy Herd Improvement Association in Fresno County. Recently, they constucted a new milking barn and installed an additional tank to to handle their increased production. They operate over 2,000 acres of land and raise all their own hay on some 950 acres of alfalfa land per year. In addition to the alfalfa and pasture land, they grow around 500 acres of cotton annually. Much of the land is alkali but it is being gradually reclaimed and much of it is just now coming into productive stages.

Every year the Andresens sponsor a Dairy Field Day for the vocational agriculture students of the San Joaquin Valley. It's costs are shared jointly by the three brothers and their father. In consideration for their fine interest in vocational agriculture, Mr. and Mrs. Andresen were awarded the honorary degree of Chapter Farmer in the local Chapter and later were given the honorary degree in the San Joaquin Region. Mr. Andresen received the honorary State Farmer Degree at the California FFA Convention held in May of this year.

The Andresens have achieved their present standing through their own efforts; through hard work and wise and careful planning. I am doubtful that there is a family anywhere to be found which will surpass them in integrity, homelife, and achievement.

A 1st in Rhode Island

ANTHONY SOARES of Portsmouth, Rhode Island, has made FFA history in the State. He is the first and only member from Little Rhody to receive the American Farmer Degree. The presentation was made at the recent National FFA Convention in Kansas City.

This may not seem exceptional to many from states where several earn this coveted degree yearly. However, in Rhode Island, the situation is different. Eight-tenths of the State's population lives in urban areas and two-thirds of the land is forested. Naturally the FFA membership in the State is small —around 182 members. It was the 48th state to become affiliated with the FFA, receiving its charter in 1949. Under these conditions, it is not easy to have a member who can qualify for FFA's highest achievement degree as Anthony has done.

Young Soares, 19, is a member of the Rogers Chapter. His major enterprises are dairying and 20 acres of market gardening. His dairy herd consists of two registered Guernsey cows, two grade cows, and two purebred calves. He has eight acres of pasture land and 15 acres of hay.

The land Anthony farms is rented from his grandfather. They are on a 50 percent share basis after all the expenses are paid. All tools and equipment are owned on the same share plan. Through their agreement, Anthony received half interest in all equipment on the farm when he was graduated from high school. They share equally in the additional purchases and repairs of the machinery.

Anthony's farming program has increased steadily each year and now he is farming full time. Recently he made his plans to settle on the farm. He will inherit the farmstead at his grandfather's death.

Anthony has been very active in State and local FFA activities. He served as Rhode Island State President in 1955. ◆◆◆

POWER SPREADING

Man-handling manure ends completely . . . power takes over . . . when you own the new Allis-Chalmers front-unloading spreader.

Tractor-load it from the rear and sides. There's no rear beater to block the way. You can load from hard-to-reach sheds, corners or barn cleaners . . . without touching a hand fork!

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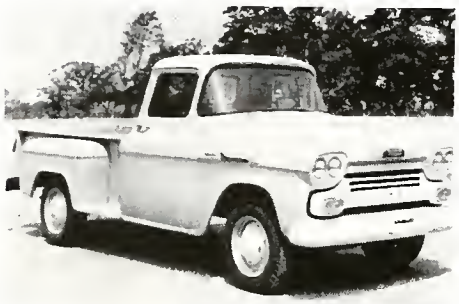
ALLIS-CHALMERS

New Pickups for '58

The pickup truck occupies an important spot on American farms. *The National FUTURE FARMER* presents this preview of the models for 1958.

←

Styling of the Sweptside 100 Dodge is emphasized by twin headlights, chrome trim and bumpers, and rear panels comprised of long fins. Has 204-h.p. V-8 or 120-h.p., six-cylinder engine.



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The Travelette is a pickup truck with six-passenger cab offered by International Harvester Company. Handles full-ton load. Standard engine is 141 h.p.; optional is 154-h.p. model.

↑

Dual headlamps and redesigned grille, hood, and fenders accent the Chevrolet Apache light-duty pickup. The 145-h.p. six cylinder engine is standard, with a V-8 160-h.p. engine optional.

←

This Studebaker Transtar half-ton uses functional grille of fiber glass designed to provide increased air intake to improve engine cooling. Parking lamps on all models are fender mounted.

→

New styling in the 1958 GMC pickup. Dual headlamps, massive bumper, and grille treatment combine strength and beauty. This one is powered by a new V-8 engine developing 200 horsepower.

↑

Power to all four wheels is engineered into this "Jeep FC-170" by Willis Motors, Inc. The heavy duty pickup provides 3,510 pounds payload capacity with a cargo bed length of nine feet.

←

This Styleside pickup heads Ford's new line for 1958. Twin headlights are set in a cross-hatch grille. Economy is increased in six-cylinder models, h.p. up from 171 to 181 in V-8 engines.

Pencil and record book increase poultry profits

Poultry research at MoorMan's covers three areas—stimulating growth, increasing egg production, and preventing and controlling disease. Last year this research consisted of 541 test lots involving about 19,000 birds—and many a "sharp pencil" was worked down to a nub in the keeping of records.

Recorded, and compared with previous tests, these records become valuable in determining the best possible combination of feeds for keeping farm flocks thrifty and at peak production.

Because this matter of keeping accurate records is such an important one in the poultry profit picture, MoorMan's has taken steps to encourage it. Each year MoorMan's conducts "Beat the Experts" contests among its customers to encourage them, for a short period each year, to record accurately feed consumption costs and egg production. It is hoped that these contests will further serve to emphasize the part the "sharp pencil" can play in making the poultry business more profitable and will serve as a stimulant to continued record keeping long after the contests are ended.

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meet the MONSTER

By Eva Evans

GETTING INTO HIS UNIFORM for the football game against Western High, Greg Warner found himself wishing that he could have had a few words with Spence Dalton. Why—if it hadn't been for Spence, Greg might not be playing quarterback for Eastern High. Greg knew that, and he would have liked a chance to talk with Spence before the game, before Spence would see his apprentice really in action for the first time.

He couldn't of course. That was one of the things that just wasn't done. Later, maybe—after the game—he'd have a chance to tell Spence just how much that help had meant to him.

Lacing his shoes, Greg remembered his first meeting with Spence. It was mid-June, and Greg was trying to get a summer job.

Moving to Nemahbin, as the Warners had, just after school closed for the summer, Greg hadn't met any of the students of Eastern High School, and he had discovered that summer jobs were few.

There was a job open, on a farm.

"Need a strong boy," old Mr. Redding had said, "to work with my regular summer helper. I've got a lot of marsh hay, and can't take machinery into the field. Got to have a couple of strong young fellows who can scythe the whole field, along with doing the other work. It's hard work, young fellow. If you're looking for a soft job, this isn't the job you want."

"I'll take it," said Greg promptly, "'Hard work,' that's for me, Mr. Redding. I want to keep in shape for football."

"Knew it!" Old Mr. Redding spoke triumphantly, "You have the football-look about you. My regular helper is a football man, himself. Know him? Spencer Dalton — plays for Eastern High School in Nemahbin?"

Greg shook his head. "We've just moved to town. My Dad's an engineer in the new department that the Barbee Factory is opening. We've been living in Sac Valley. That's where I played football."

"Town placed third in State football for the last two years," a new voice entered the conversation, "didn't have a look-in before that."

A tall, solidly-built boy came around the corner of the house.

Old Mr. Redding laughed, "Hi, Spence! Meet your partner, Greg Warner. Greg, this is Spence Dalton."

"Glad to meet you, Spence." Greg held out his hand.

"Hi, Greg." Spence took the offered hand, and turned it over to examine the palm. "Not soft—that's good. A scythe handle can give you real blisters."

"I've worked them off already," Greg laughed, "sawing wood. I've already had my spring quota of blisters and sunburn."

Below the red crewcut, Greg's face showed traces of a sunburn that had recently peeled.

"With those preliminaries over, you're set to work," Spence nodded, "You mean to try it? Think you can match me?"

Greg pretended to misunderstand. "You're a couple of inches over my six feet. I can't equal that this summer. You're probably twenty pounds over my one-seventy. I won't equal that in a hurry. But," he surveyed the larger boy critically, "I'm willing to let Mr. Redding decide if *my* suntan isn't as good as yours, by the time school starts!"

"That's a mark to shoot at," laughed Old Mr. Redding, "you'll both start Monday? I'll see you then."

Back in town, Greg discovered that he and Spence lived only two blocks apart. "And there's an alley past my home on Fairview, across Hobart Street, and through to Judson, right beside your house," he said gratified. "That

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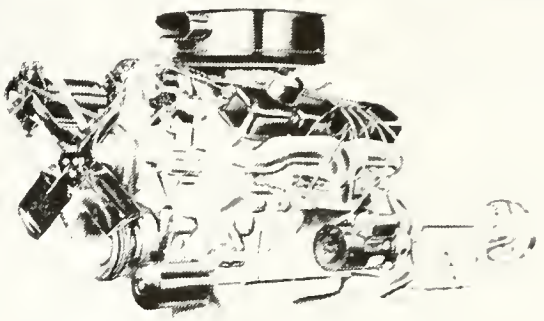

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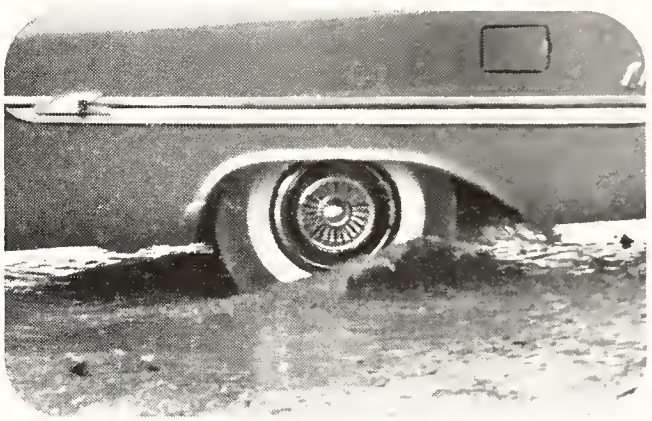

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makes it handy, Spence. I'm going to like living in Nemahbin."

Returning to the farm the following Monday, the boys went right to work.

"Mr. Redding is a nice boss," Greg commented, as they started work on the hayfield, "he tells you the results he wants, and leaves the rest to you."

"Yes, he's swell," Spence didn't pause in his rhythmic swinging of the scythe, "he doesn't stand over you. He gives you a job, and trusts you to do it. Because of that, you work harder than you'd work for somebody who stood over you. Greg, you're going to wear yourself out, and get muscular cramp. A long, steady swing does the trick. Easy does it—that's better. We get more done if we work a steady pace that we can maintain."

Greg rested his scythe blade on the ground, and mopped his perspiring face. "Spence, I have to admit that I never handled a scythe before."

"I saw that, right off. You're catching on, though. Just remember—keep it smooth and steady, as in football," he added grinning, "you played quarterback for Sac Valley, didn't you? That's *my* position, too, you know."

"You don't say?" Greg wondered what this was leading up to.

"Yep," Spence continued to swing his scythe steadily, "evenings, we could get in a lot of football practice out here, and really be in shape when school opens."

"I'd like that," Greg remembered to keep his scythe swinging smoothly, "I suppose the competition is pretty keen for each position on the team? Especially for quarterback?"

"Brace yourself," Spence grinned, "for quarterback, you've only got to oust me."

The two boys worked hard during the days that followed.

When each day's work was finished, they retired to the open lot behind the barn and practiced football. They tackled, blocked, punted, and ran until darkness stopped their workout. Then, in the room they had elected to share, they had paper drill—outlining plays, looking for flaws, studying defenses. On the next evening, they would try out the new plays, looking for any bugs that would show up when the plays were put into actual practice.

Sometimes, their employer came to watch and to comment. "I don't see that there's going to be much choice between you two. Greg, you come too close up to the line of scrimmage

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when you punt; makes it too easy to block the kick. And Spence, you want to kick higher! Give your receiver time to get under the ball, boy!"

"That'll be the next lesson," Spence said, as their employer walked away.

"We'll get it," Greg nodded. "Say Spence, you said it would probably be you or me for quarterback. When we started, I couldn't have made any kind of showing against you! Now—thanks to you—well, you heard what Mr. Redding said. Why are you doing it?"

The other boy met his companion's eyes frankly. "Greg, I hate to tackle the 'straw man'! When we try out for places on Eastern's football team, I don't want to be tackling a straw dummy! Neither do you! Right? I help you all I can. You help me—you throw the best body blocks of anyone I've ever played against. But, Greg, on the playing field, I wouldn't even give my own grandmother an opening if the dear old lady was on the opposing team!"

Greg laughed. "Well, you know your own family better than I do. Maybe the dear old lady plays a rough game. I'll remember the warning. On the field, it's every man for himself, and no holds barred."

"From what the folks write, there may be unexpected competition," said Spence thoughtfully, "with the Barbee plant expanding, people are moving into the area back of you—around the plant. The school is going to be overcrowded this fall, they say."

"What will they do about that?"

"Move the school district lines," Spence shrugged, "The boundary between the Eastern and Western high school districts is the most *moving line* there is! Whenever the city population bulges in another spot, the district lines are moved to accommodate it. The gang back of me—over on Parker and Ritchie streets — was split right down the middle the last time that line was moved!"

"Makes for divided loyalties, doesn't it?" asked Greg.

Spence shook his head. "Those fellows cheer each other wildly off the playing fields, and fight each other just as wildly on the playing fields. Now, back to business. I want to show you a trick play—I dreamed it up, and we've used it now and then. It's good when you're in a scoring position—too far to risk a quarterback sneak and too near to risk a pass and maybe lose the ball. It's fast and tricky. If you spot the opening, it's just a one—and a two—and a three—and touchdown! Listen."

Patiently, Spence explained, diagrammed, and demonstrated.

"I'm sure I've got it," Greg flung himself down, panting, "Spence, school starts next week. I want you to know, I—thanks pal!" He finished grinning, "I hope you'll be proud of your pupil during football season."

Now, with the Eastern-Western High School game in its final quarter, Greg wished again that he might have had a chance for a few words with Spence before the game started.

He was playing good football. *We* are, he corrected himself, the whole team is playing beautiful football, even

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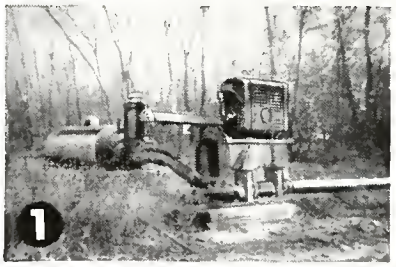

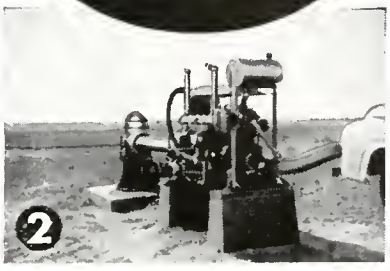

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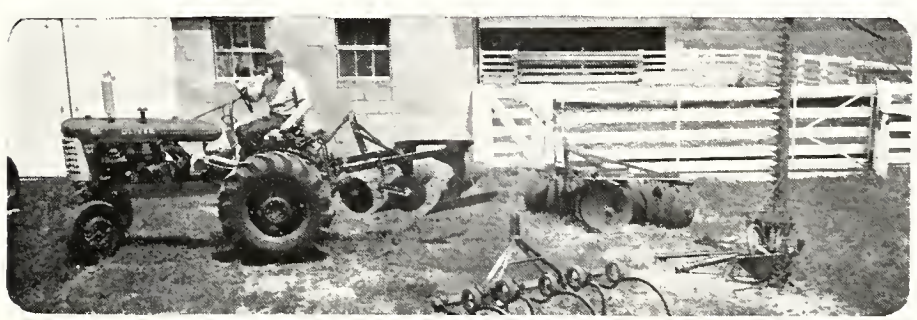

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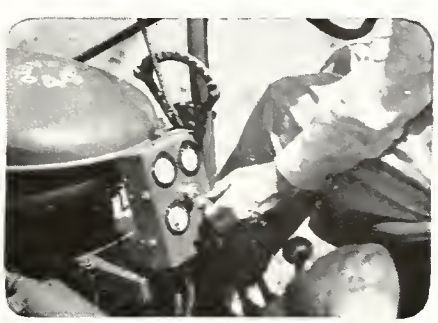

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if we are just holding onto a 0-0 tie! We've had to dig in to hold that!

They had, too. Every time Greg called signals, it seemed that the opposing team drifted into the exact pattern that would block the play. And after each play, Greg could feel across the yards that separated them, the quarterback for Western—watching—laughing—waiting.

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And when they have the ball, it's the same thing in reverse, thought Greg.

Even the stands felt it. It was a battle between the two quarterbacks.

The last quarter was nearing its end, and it was Eastern's ball on the Western ten-yard line.

"Quarterback sneak?" suggested someone in the huddle.

"A little far," Greg hesitated.

"I'd hate for us to pass and lose the ball when we're this close," objected Pee Wee Wenzel.

Too far—too close—something Spence had told him nudged at Greg's consciousness.

"Fellows, this is it! The Special."

As they lined up, Greg looked across the opposing lines to the other quarterback. It wasn't imagination! The quarterback was waiting.

It's Spence's play, thought Greg. If I use it.

Then, he choked on a sudden laugh. "My own grandmother, the dear old lady wouldn't get an opening," Spence had said.

The center passed the ball smoothly into Greg's hands.

Greg started around left end; and passed to Tom Halleck. Big Tom pivoted and then, the next minute Pee Wee Wenzel was streaking for the goal posts.

And Greg realized, with amazement, that the opposing team was trying to pull itself back from the wrong side of the field, in time to catch the sprinting ball carrier. They didn't succeed.

Eastern didn't make the extra point, but who cared? The score was 6-0, for Eastern, and there went the gun, and that was the game.

And Greg was thinking, Spence's play—Spence's own brain-child—and when he, "No!" Greg muttered, "That's not it!"

Trailing comet-fashion behind their quarterback, the Western team advanced toward their opponents.

Go out to meet them, Greg told himself. Face it!

Spectators, leaving the stands hesitated. Maybe there was going to be a little added excitement. Then, they shrugged, and went off. There would be no fight—not with that cheering and yelling.

The two quarterbacks, down on the field, stopped a short pace apart.

"Frankenstein," said Greg solemnly, "Meet your monster!"

Spence grabbed his hand, and pumped it vigorously. "Man, what a game! Did we play football!" ◆◆◆

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A Former National Officer talks about . . .

Your Future and the FFA

Leslie Frye, third National FFA President, and now a successful attorney.

AS AN FFA MEMBER, you are probably wondering whether or not you should farm. And if you should continue your study of vocational agriculture and membership in the FFA. Let's let and expert answer this question for us.

He is Leslie M. Fry, a prominent Reno, Nevada, attorney, who served as the third National President of the Future Farmers of America. Fry is not only successful and respected in his profession, but by his church, family, community, and state as well.

Mr. Fry says, "We must all remember that agriculture is still our basic industry and we are still an agricultural nation. You can go up and down the street talking to the banker, businessman, and others and soon find that their business gets back to the soil. In preparation of my law cases, I find I am constantly going back to the fundamental things I learned in my youth."

Mr. Fry started out in vocational agriculture at the Louisiana High School in Louisiana, Missouri. His projects were hogs, sheep, and two dairy heifers. He was Chapter President and State Secretary, and he enjoyed most of all debate and public speaking. He was successful in livestock judging and FFA activities.

As a student in high school, Leslie Fry had dreams of becoming a farmer. After graduation, he enrolled at the University of Missouri in the School of Agriculture. During his Freshman year, he served as National FFA President. He recalls the total membership was about 30,000 at the time—some difference from today when we have nearly 400,000 members.

Fry's travels as President were limited as compared to our present officers. He went to Washington, D. C., and to Chicago to speak on a national NBC radio broadcast. Other travels were to Oklahoma and in his own state of Missouri.

He points out that we should be grateful for our National Foundation which now provides the finances for many of our activities.

The most pleasant experience as President, according to Fry, was the month he visited Henry C. Groseclose in Virginia. Mr. Groseclose, one of the founders of FFA, was a lovable character and a man one does not easily forget.

Mr. Fry was asked, "Why did you change to law after studying agriculture at the University for three years?"

His answer: "Law offered me a real challenge. I have always had an interest in public relations. My experience in leadership, public speaking, and my training in meeting people that the FFA gave me were real assets in law. I found my farm backround has always been very valuable."

Fry credits his vo-ag teacher, L. W. DeMoss, with giving him the inspiration and desire to want to achieve. According to Fry, he was a real friend. His advice in and outside the class, especially on home farm visits, helped immeasurably to set goals in life. Fry remembers his vo-ag instructor as the toughest teacher in high school.

"He prepared me better for college and life than anyone with whom I have worked. You can tell your young friends they are not wasting their time in the FFA no matter what their professions are going to be. Vocational Agriculture gives a student the most valuable training available." ◆◆◆

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Your achievements in FFA work are eye-openers to older generations. You are making intelligent use of all the new "tools" that science, industry and research make available to you. Such developments as hybrid corn and high-yielding crops of all kinds; the upgrading of your livestock; antibiotics to improve feeds and control diseases; chemicals to control insects, weeds and other pests; fertilizers and soil conservation practices; new tractors and farm implements . . . all of these and many more aids to modern farming keep all of us connected with it *on the move.*

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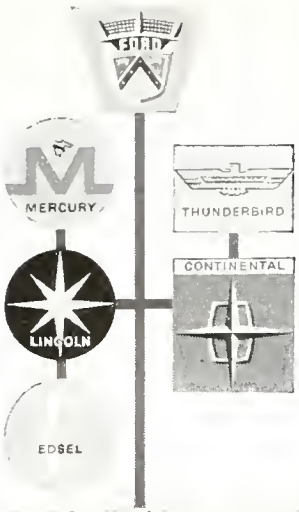
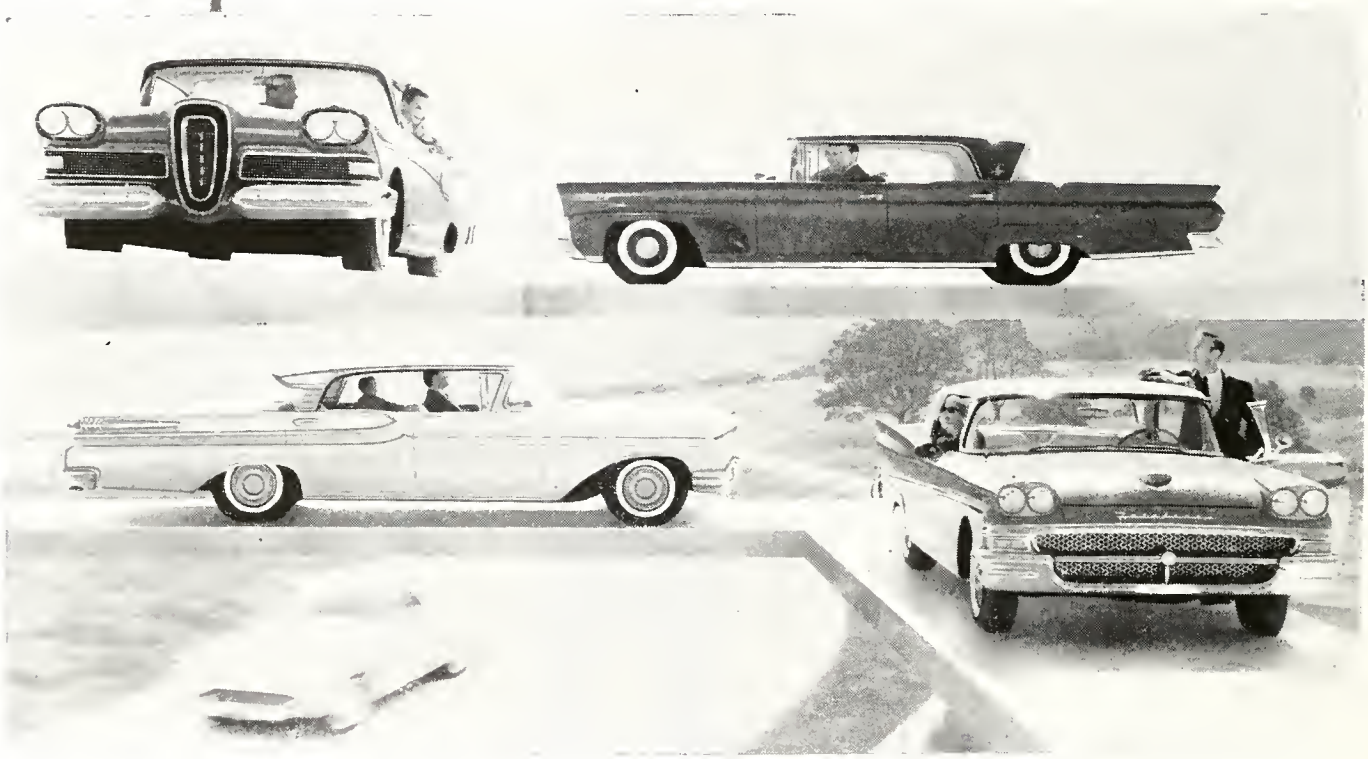


SIGNS OF A NEW IDEA

The YOU idea in making cars



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When Dad Bought My First Gun

By John Krill

I WAS 12 YEARS OLD the day Dad took me into town with him without any mention of purpose. But I instinctively knew why as soon as we entered the largest sporting goods store in our city. Dad was going to buy me a shotgun! A suave clerk picked out a 410 hammerless double and placed it in my eager arms. I sighted it at an unending imaginary assortment of ruffed grouse, rabbits, pheasants, and squirrels. I put it down and picked up a 20 gauge pump, light as a popgun, sleek as a swimming mink, and with the right amount of drop for me. Boy! That's the gun I wanted. To my overflowing enthusiasm the clerk added words of encouragement, praising my choice, making me feel like a special case endowed with wisdom far beyond my years.

"We'll take this one," Dad broke in unexpectedly, handing me a single-shot 16 gauge gun with an exposed hammer. I was thunderstruck. I blinked back tears of disappointment and looked at Dad with stricken eyes. "This clumsy single!" the clerk pouted.

There was no use pleading. The clerk said in a condescending manner: "Sir, I believe you are making a mistake. Most men buy their sons either a double or a pump. He's sure got his heart set on that beautiful pump gun."

"Oh, Dad! It's the one I want. It-it-it's made for me."

Dad ignored me and answered the clerk. "When he can handle a better gun, he'll get it. Not now."

I hated that single-barrel. But I loved to hunt and it was the only gun I had. I missed shots with an absolute regularity. But I didn't know then that I was being indoctrinated with the proper deportment with firearms by my Dad. That first season was a complete bust and I complained unceasingly to Dad that a pump or a double would give me more opportunity to hit game than a one-shot gun I didn't like.

"You'll learn," he said quizzically.

I sure did. I learned under his ever watchful eye to cock that despised gun only on raising it to fire. This flustered me so much that often the bird or rabbit was out of range before the hammer snicked back to cock position. Several times I tried to hunt with the hammer

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"Peters let me start off last year's deer season with a real thrill. I got a fine buck at 450 yards using a Peters 300 Magnum."

Thanks, Del. That's what veteran shooters, hunters and guides everywhere are saying about Peters "High Velocity." Remember . . . whether it's pests, varmints or big game you're after . . . there's no more powerful ammunition in the world than Peters "High Velocity."

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"High Velocity" is a trademark of Peters Cartridge Division, Remington Arms Company, Inc.

From woodchucks to deer—Peters new "High Velocity" 244 Remington caliber varmint cartridge combines exceptional speed with a 75 grain pointed soft point bullet. Ballistics tests prove its terrific striking energy at long ranges. This new Peters "High Velocity" cartridge is also available with a 90 grain pointed soft point bullet packing extra knockdown power for bigger game such as deer and antelope.

PETERS packs the POWER

DU PONT

cocked, sure that I'd get in a quick shot. But Dad was watching for this and gave me such terse lectures on safety that I fought down this thoughtless temptation.

"You might stumble," he warned, "or brush might trip the trigger. A hand numbed with cold lacks sensitivity and the gun may be discharged accidentally. But no matter for what reason, all the regrets in the world will not heal or bring back to life the person or other creature shot by your carelessness."

As the seasons passed that disliked single gradually started to connect with game. Dad got small hunting parties with one or two of his friends and their sons together. Invariably they carried elegant pumps or doubles. My single appeared even more unworthy in this select company. I pointed this out to Dad. "Wait till the end of the hunt," he'd tell me.

Gosh! Those kids always got two or more shots while I just got one. But my eyes were finally being turned away from the swell guns of my youthful companions and to the more concrete results of the bag. I nearly always had a couple of rabbits or birds. And for all their greater shooting capacity my companions rarely had anything but a lesser amount of shells to take home.

Dad pointed out something very important and valuable to me on those hunts. "Watch Jim shoot with that pump," he'd say. I'd watch and see the boy start blasting before his gun was fully to his shoulder and the rabbit too close or bird just rising. I at last knew what those kids were doing. They were depending on those extra shots to hit that target.

In later years I grew to cherish that once despised single-shot gun. Dad's purpose in the choice was now clearly evident. It was the instrument selected to teach me the safe way of handling a gun. To cock it only on bringing it to the shoulder. Having but one shot to fire, I learned to control that wild impulse to fire first and aim afterwards. I was taking my time raising that gun, cocking it, sighting, and firing. This was what Dad was after. The fullest pleasure exists in the knowledge that you are letting the game reach a distance chosen by yourself before firing. Frustration is the reward to the gunner who depends on fast shooting, in which the element of luck plays a major part.

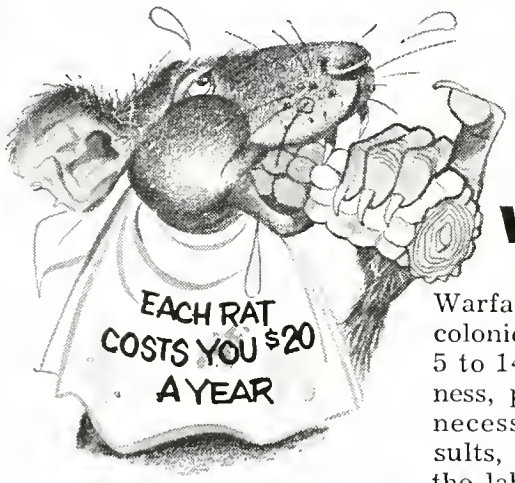
I began to notice and shudder at what Dad had seen and shuddered at long before me: Kids and adults in an alarming proportion of instances sporting hammerless guns with the safeties in the "off" position. He told me, and I'm practicing this on my son, that he bought me a hammer gun so that he could see that it was carried in a safe manner.

He told me why he refused the clerk's suggestive salesplay in handing me a 410. "A small bore gun like that is only for a better-than-average shot. I don't believe in undergunning a novice."

Yep, you've guessed it. My kid hates the single-shot I bought him. He looks longingly at my pump. But he is seeing the light gradually. I generally get my game with the first shot. That single-barrel will teach him to take his time when firing; to make that one count. Other kids can throw from two to three shots at their game. But learning control will be hard for them. They are depending too much on the shots in reserve to take cool aim. Even when they do bring the game down small pleasure is theirs, for in their innermost thoughts they are aware that luck, not skill, made the kill.

But more valuable than the ability for calm and unflustered shooting is the knowledge and comfort that the beginner cocks his gun only when he is ready to shoot. ◆◆◆

Rats and Mice are Expensive Boarders!



KILL 'EM
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BUY BAITS MADE WITH warfarin— WORLD'S GREATEST RAT AND MOUSE KILLER

"You may be big enough, but are you dumb enough?"

What's Ahead for Artificial Insemination . . .

By Hilton Boynton

NO SINGLE scientific development has had a greater impact upon the dairy industry than the artificial insemination of dairy cows. In 1956 nearly six million dairy cows were bred artificially in the United States. An average of 2,257 cows were bred to each sire. This is a fantastic figure compared to the 50 cows which a bull can ordinarily breed per year by natural service.

The limits of its use are impossible for the average layman to visualize. It is conceivable that an average of 50,000 or more cows may be bred annually by one bull. Although 29.5 percent of the United States dairy cows were bred artificially last year, more than 40 percent of England's cows and nearly 80 percent of Denmark's cows were bred artificially.

Chart (Pg. 40) shows growth of artificial breeding program in the United States from 1939 to 1956. These data unfold a phenomenal growth. It points up the tremendous responsibility that breeding co-operatives and associations and their sire committees have in the future development of our dairy industry. The trends and improvements in our dairy cattle are being molded by their sire selections. Since one sire may replace 1,000 sires, an error made in sire selection is magnified many, many times.

Artificial insemination was brought to the United States by Enos Perry, New Jersey Extension Dairyman. While visiting Denmark, he recognized the possibilties of artificial breeding, and organized the first artificial breeding, co-operative in New Jersey in 1938.

A most recent development in artificial breeding is frozen semen. This method provides the storage of semen for long periods of time, affording much greater selection of sires by farmers. This discovery was made accidentally by some English scientists in 1949. They found that the addition of glycerol to the semen enabled spermatozoa preservation by freezing. The holding temperature for frozen semen is—79°C or lower, which is achieved by solid carbon dioxide or electrical refrigeration. Liquid nitrogen is also being used, whereby semen is stored at —300°C or lower. Frozen semen stored for longer than 12 months has been used successfully to breed cows.

The advantages of this processing method may be summarized briefly as follows:

1. Spermatozoa may be preserved and stored for long periods of time.
2. Dairymen have a wider selection of sires.
3. Cows may be bred to bull long after bull's death.
4. Semen can be shipped any distance.
5. Practically eliminates semen waste.

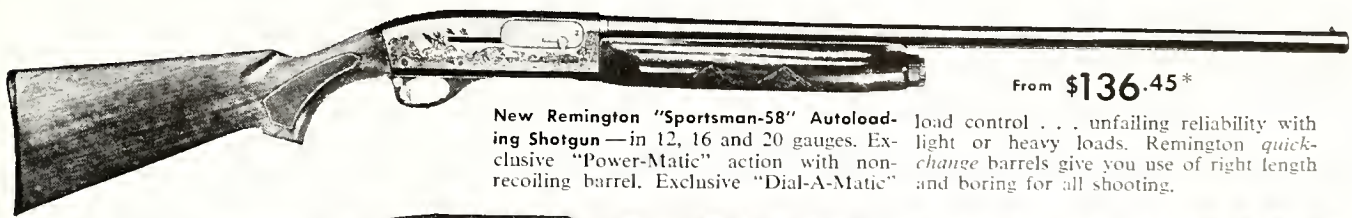
The disadvantages are:

1. Many spermatozoa are killed during the freezing preparation and processing stages.
2. Processing and storage procedures are expensive.
3. Greater care must be exercised in handling frozen semen.

A new processing development is being adapted to field usage, whereby semen may be stored at room temperature for five to seven days. This new method, developed by Dr. N. L. Van DeMark, University of Illinois scientist, is known as the Illini Variable Tempera-

They're light, fast, built to last...

Today's most wanted shotguns are REMINGTON



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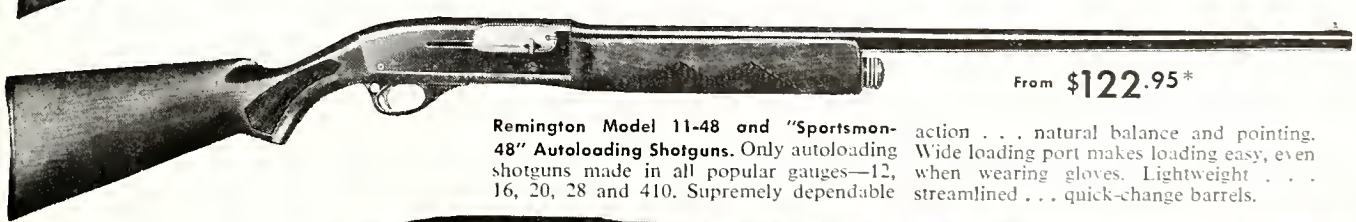
New Remington "Sportsman-58" Autoloading Shotgun — in 12, 16 and 20 gauges. Exclusive "Power-Matic" action with non-recoiling barrel. Exclusive "Dial-A-Matic" load control . . . unfailing reliability with light or heavy loads. Remington *quick-change* barrels give you use of right length and boring for all shooting.



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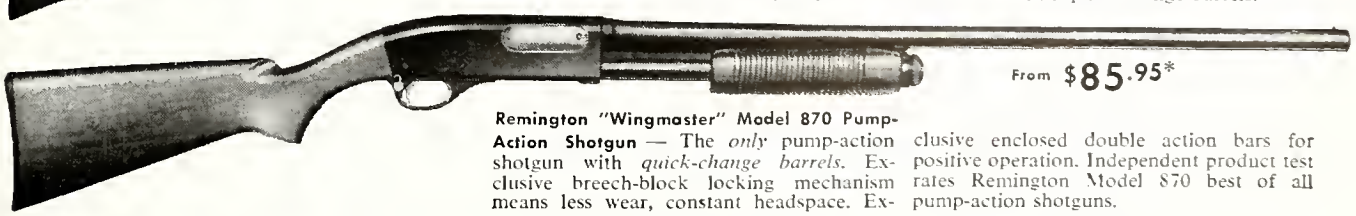
Remington Model 11-48 and "Sportsman-48" Autoloading Shotguns. Only autoloading shotguns made in all popular gauges—12, 16, 20, 28 and 410. Supremely dependable action . . . natural balance and pointing. Wide loading port makes loading easy, even when wearing gloves. Lightweight . . . streamlined . . . quick-change barrels.



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Remington "Wingmaster" Model 870 Pump-Action Shotgun — The *only* pump-action shotgun with *quick-change barrels*. Exclusive breech-block locking mechanism means less wear, constant headspace. Exclusive enclosed double action bars for positive operation. Independent product test rates Remington Model 870 best of all pump-action shotguns.

"Sportsman," "Wingmaster," Power-Matic," are Reg. U. S. Pat. Off. by Remington Arms Company, Inc., Bridgeport 2, Conn.

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ARTIFICIAL BREEDING PROGRAM IN U. S., 1939-1957[1]

Year	Number Herds	Number Cows Bred	Average Number Cows Bred per Sire
1939	646	7,359*	228
1940	2,971	33,977*	246
1941	5,997	70,751*	299
1942	12,118	112,788*	274
1943	23,448	182,524*	318
1944	38,627	218,070*	332
1945	43,998	360,732*	495
1946	73,293	537,376	597
1947	140,571	1,184,168	815
1948	224,493	1,713,581	982
1949	316,177	2,091,175	1,078
1950	372,968	2,619,555	1,245
1951	467,224	3,509,573	1,605
1952	543,397	4,293,243	1,848
1953	571,921	4,845,222	1,865
1954	606,997	5,155,240	1,937
1955	593,190	5,413,874	2,210
1956	661,497	5,762,656	2,257

*Prior to 1946, cows were reported on the basis of enrollment.
[1]March, 1957, Summary, National Co-operative Dairy Herd Improvment Program.

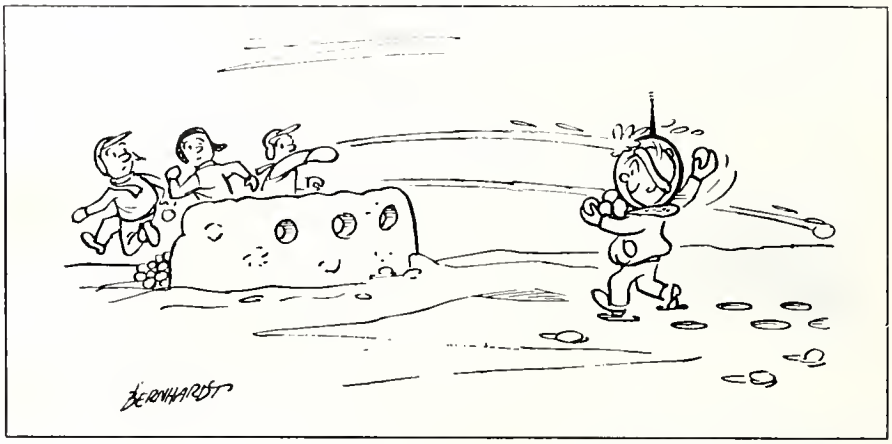
ture method for semen storage. Great care must be taken in processing and handling semen with this method. If this method, or a modification of it, should produce favorable field results, it offers a method that is substantially less expensive than frozen semen.

Twenty years of artificial breeding has brought about profound changes in our dairy industry. It has stimulated research and technical improvements in semen preservation, sire selection, production testing, and pathological breeding problems. In light of these accomplishments and developments with other species and various techniques, the next 20 years may unfold some astounding advances.

Semen freezing will be improved so that there will be no loss of viable spermatozoa. There will be changes in semen preservation, whereby semen will be stored for long periods of time at room temperature, even possibly in a dehydrated or semi-dehydrated form. Methods may be developed to regulate sex by either selective irradiation or hormone treatment. *It is within the realm of possibility that bulls may be completely eliminated.* Techniques may be developed to initiate spermatogensis in vitro. Mother male sex cells would be selected from outstanding bulls and the steps of cell development would occur in the laboratory. Culturing spermatozoa in vitro may offer new opportunities for the geneticist to select or alter genetic composition of these cells.

It takes approximately five years to prove a bull based on his daughters' production level and their type. Any reasonably accurate method to reduce this span of time would be very advantageous. It is conceivable that the physiologist and geneticist may correlate production and type characteristics with blood antigens. The genes controlling milk production may be located and rearranged at will, thus controlling the known inheritance of a potential individual.

Artificial insemination has given a new and broader concept to our dairy industry. The mass of dairymen have tools of herd improvement heretofore unavailable to them. Artificial insemination is introducing superior inheritance into our nation's dairy cattle population and mass breeding uncovers inherited characteristics of undesirable nature. It has stimulated and encouraged production testing and re-focused attention of the comparative relationship between inheritance and environment. ◆◆◆



Activities At Waterloo

EACH YEAR, preceding the National Convention, the National FFA Dairy Judging Contests are held in Waterloo, Iowa, during the National Dairy Cattle Congress. It is there, also, that the FFA dairy farming awards are presented.

This year, the top dairy farming award went to Charles Sargent of Danville, Vermont. Charles received a $250 check from the FFA Foundation during a presentation ceremony. Three regional winners shared the spotlight with Charles, and they each received Foundation checks for $200. They are Randolph Smith, Jr., Camby, Oregon; Louis Keith, Jr., Collinsville, Oklahoma; and Hank Stark, Adrian, Missouri.

Sargent, as well as winning the national award, was the winner of the dairy farming award from the North Atlantic Region. His program consists of operating and managing a 250-acre dairy farm that includes 30 milking cows and 28 young stock.

Among other presentations, four men were given gold FFA paperweights for outstanding support of FFA activities at the National Dairy Cattle Congress. The recipients are Paul R. Brasch, local superintendent for FFA judging contests; Norbert F. Kash, Assistant Manager of the Dairy Cattle Congress; H. B. Plum, retired President of the Cattle Program, and Mark T. Humphrey, Treasurer of the Cattle Congress Board of Directors.

Top FFA dairy farmers in U. S. From left, Stark, Keith, Sargent, Smith.

Receive FFA paperweights. From left, Brasch, Kash, Plum, Humphrey, and Jerry Litton, FFA student secretary.

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12½ hp Model AGN

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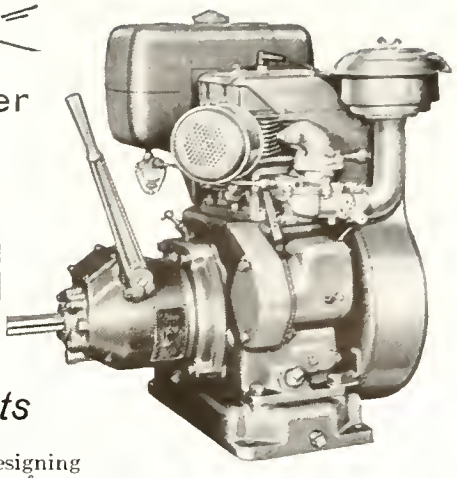

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Putting 12½ hp. into a single cylinder air-cooled engine calls for basic *High Torque* . . . the *load-holding Lugging Power* that keeps the equipment *working* through sudden shock loads. It also calls for heavy-duty construction in all details . . . plus dependable cooling under all weather conditions from sub-zero to 140° F.

Bulletin S-216, just off the press, will give you details about the Model AGN. Write for it.

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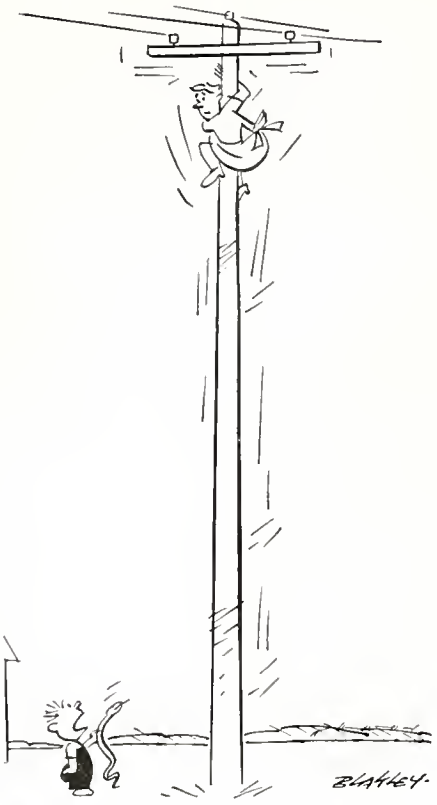


"Mother, does that mean I can keep it?"

Tug: *"I'm going to open a pet shop. The next time you see me, I'll be among our dumb little friends."*

Lug: *"Wear a hat so we'll know you."*

Tommy Dickson
York, South Carolina

Hostess: *"Janet, don't you want another helping of ice cream?"*

Janet: *"Well, mother told me I must say, 'No, thank you,' but I don't think she knew how small the helpings would be."*

Ernest Miller
Lansing, Michigan

Ship Captain: *"Sorry, sir, you can't be sick here."*

Passenger: *"I can't? Just watch me!"*

Robert Kain
Worthington, Ohio

After receiving $10, the fortune teller informed her patron that he was entitled to ask two questions.

"But isn't that a great deal of money for just two questions?" the man declared.

"I suppose it is," acknowledged the fortune teller. *"And now I'm ready for your second question."*

Perry Jantz
Chanute, Kansas

Unable to get experienced help, a farmer was forced to hire a man unfamiliar with farm chores. One day he found the hired hand forcing the milkcow, old Bossy, to drink a pail of milk.

"Say, fellow," he said. *"What's the idea of feeding that pail of milk to the cow?"*

"Well," replied the new hand, *"this darn cow stepped in it and got it dirty, so I'm running it through again."*

Blease Graham
Chaplin, South Carolina

He (over the telephone):
"Mamie, won't you please marry me, darling?"

She: *"Oh, yes Pete honey."*

He: *"Hey, wait a minute; I'm not Pete."*

She: *"That's all right. My name isn't Mamie, either."*

Sheldon McManigle
Strawberry Point, Iowa

When Jessie, a farm girl, had been in college a few weeks, her family got a letter from her saying that from henceforth she was to be called Jessica. Her brother, Tom, couldn't resist replying:

Dear Jessica, glad to hear from you. Momica and Popica are visiting Aunt Lizzica. The old cowica had a calfica, and we were going to name it Nellica; but it was a bullica, so we named it Johnica. Your brother, Tommica."

Bill Petermann
Stillwater, Oklahoma

Patient: *"Doctor, if there is anything wrong with me, don't frighten me by giving it a long scientific name. Just tell me in plain words."*

Doctor: *"Well, to be frank about it, it's just plain laziness."*

Patient: *"Thanks, now give me the scientific name so I can tell them at home."*

Bill Davis
Berndstadt, Kentucky

First cannibal: *"Mu Bu would love this meat."*

Second cannibal: *"This is Mu Bu, stupid."*

Bill Davis
Berndstadt, Kentucky

"Pilot to tower, pilot to tower. Out of gas at 8,000 feet, 30 miles over Atlantic Ocean. Give instructions."

"Tower to pilot, tower to pilot. Repeat after me: 'Our Father, who art in Heaven . . .'"

Clarke Hendrickson
Albion, Nebraska

The lawyer had been bullying the witness. *"Have you ever been arrested —or in court—before?"*

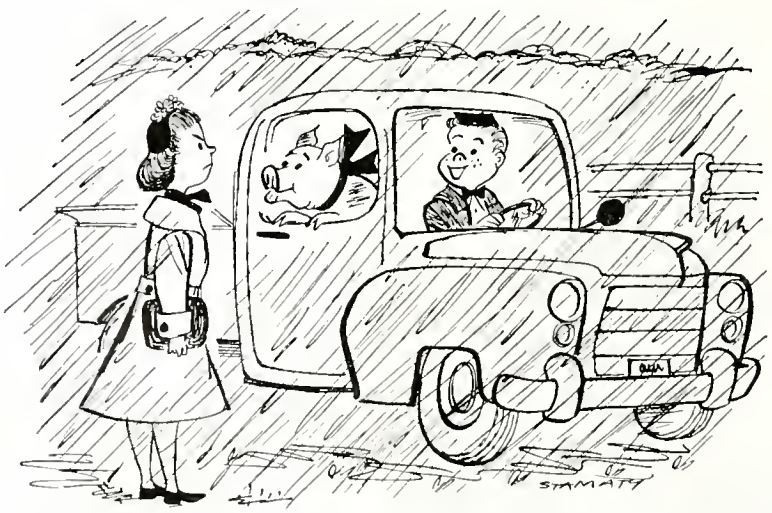
"No sir," replied the witness.

"Are you sure?" the lawyer sneered. *"Your face certainly looks familiar. I've seen it some place before."*

"You have," agreed the witness. *"I'm the bartender in the saloon across the street."*

Joseph Tracey
Paterson 3, New Jersey

Charlie, the Green Hand



"Mind hopping in the back, Eloise? I've got her all spruced up for the fair."

The National FUTURE FARMER *will pay $1 for each joke published on this page. Jokes should be submitted on post cards addressed to The National* FUTURE FARMER, *Box 29, Alexandria, Virginia. In case of duplication, payment will be made for the first one received. Contributions cannot be acknowledged or returned.*

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